

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2
3 INVENTORSHIP Stephen P. COLE, et al.

4 FILED Herewith

5 ATTORNEY DOCKET NO.FO01-P03

6 TITLE: **Method of Obtaining Pore Pressure and Fluid Saturation Changes**
7 **in Subterranean Reservoirs by Forward Modeling**

8
9 **INFORMATION DISCLOSURE STATEMENT**

10 **PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 AND 1.98**

11
12 In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed
13 to the references listed on the attached supplemental Form PTO-1449. No
14 admission is made regarding whether the submitted references are prior art.

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17 Respectfully submitted,

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21 Dated: SEP-22-2003

22 Agent: 
Scott K. Gallert

23 Reg. No.: 51,715
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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)
FO01-P03

Application Number

Applicant(s)

Filing Date

Group Art Unit

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1A	5,586,082	12/17/1996	Roger N. Anderson, et al.	367/73	367/38	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	3A	Brevic, I., 1999, Rock model based inversion of saturation and pressure changes from time lapse seismic data: 69th Annual International Meeting, Society Exploration Geophysicist, Expanded Abstracts, 1044-1047.
	3B	Castagna, J.P. and Backus, M. M., Eds., 1993, Offset-Dependent Reflectivity- Theory and Practice of AVO Analysis: Society Exploration Geophysicist, 348 pp.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Applicant(s)	
		Filing Date	Group Art Unit

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>	
3C	Cole, S., Lumley, D., Meadows, M., and Tura, A., 2002 Pressure and saturation inversion of 4D seismic data by rock physics forward modeling: 72 Annual International Meeting, Society Exploration Geophysicists, Expanded Abstracts, 2475-2478.	
3D	Cole, S., Lumley, D., Meadows, 2003 Pressure and saturation inversion of Schiehallion Field by rock physics modeling: 65th Conference and Technical Exhibit, European Association of Geoscientists and Engineers, Extended abstracts, A-05.	
3E	Hoversten, G.M., Gritto, R., Washbourne, J., and Daily, T., 2002, Fluid saturation and pressure prediction in a multi-component reservoir by combined seismic and electromagnetic imaging: 72nd Annual International Meeting, Society of Exploration Geophysicists, Expanded Abstracts, 1770-1773	
3F	Landro, M., 1999, Discrimination between pressure and fluid saturation changes from time lapse seismic data: 69th Annual International Meeting, Society of Exploration Geophysicists, Expanded Abstracts, 1651-1654	
3G	Landro, M., 2001, Discrimination between pressure and fluid saturation changes from time lapse seismic data: Geophysics, 66, 836-844.	
3H	Lumley, D., Meadows, M., Cole, S., and Adams, D., 2003, Estimation of reservoir pressure and saturations by crossplot inversion of 4D seismic attributes: 65th Conf. and Tech. Exhibit., European Association of Geoscientists and Engineers, Extended Abstracts, A-06.	
3I	Tura, A., and Lumley, D.E., 1998, Subsurface fluid-flow properties from time-lapse elastic-wave reflection data: Proceedings to SPIE, Mathematical Methods in Geophysical Imaging V, Vol 3453, 125-138.	
3J	Tura, A., and Lumley, D.E., 1999a, Estimating pressure and saturation changes from time lapse AVO data: 61st Conference and Technical Exhibition, European Association of Geoscientists and Engineers, Extended Abstracts, 1-38.	
3K	Tura, A., and Lumley, D.E., 1999b, Estimating pressure and saturation changes from time lapse AVO data: 69th Annual International Meeting, Society of Exploration Geophysicists, Expanded Abstracts, 1655-1658	
EXAMINER		DATE CONSIDERED

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